

Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of offloading compilation, the method comprising:
transmitting compilation information from a first subsystem, including at least compilation instructions related to the particular machine-executable code required by the first subsystem, to a second subsystem;
compiling computer program code into machine-executable code on the second subsystem based on the compilation information received from the first subsystem;
detecting whether the first and second subsystems are connected via a secure link to determine if the second subsystem is a trusted source using a receipt policy; and
receiving the machine-executable code from the second subsystem into the first subsystem.
2. (Original) A method according to claim 1, wherein the step of transmitting compilation information includes transmitting compilation information from a first subsystem to a second subsystem in response to a request to compile computer program code into machine-executable code.
3. (Original) A method according to claim 1, wherein the step of transmitting compilation information includes transmitting compilation information written in intermediate language code from a first subsystem to a second subsystem.
4. (Original) A method according to claim 1, wherein the step of transmitting compilation information includes transmitting compilation information from a small device to a second subsystem.

5. (Original) A method according to claim 4, wherein the step of transmitting compilation information includes transmitting compilation information from a cellular phone to a second subsystem.

6. (Original) A method according to claim 1, wherein the step of compiling computer program code includes compiling intermediate language code into machine-executable code on the second subsystem based on the compilation information received from the first subsystem.

7-9. (Canceled)

10. (Original) A method according to claim 1, further comprising:
using the machine-executable code on the first subsystem.

11. (Original) A method according to claim 10, wherein the step of using includes storing the machine-executable code on the first subsystem.

12. (Original) A method according to claim 11, wherein the step of using includes executing the machine-executable code on the first subsystem.

13. (Original) A method according to claim 1, wherein the step of transmitting includes transmitting compilation information and computer program code from a first subsystem to a second subsystem.

14. (Original) A method according to claim 1, further comprising:
before the step of compiling, retrieving computer program code for compilation into machine-executable code.

15. (Original) A method according to claim 14, wherein the step of retrieving computer program code includes retrieving computer program code from a third subsystem.

16. (Original) A method according to claim 1, wherein the step of compiling includes decoding the compilation information.
17. (Original) A method according to claim 1, wherein the step of transmitting compilation information from a first subsystem to a second subsystem includes transmitting compilation information from a first subsystem to a second subsystem wherein the first and second subsystems are components of a single system.
18. (Original) A method according to claim 1, wherein the step of transmitting includes transmitting compilation instructions from a first subsystem to a second subsystem.
19. (Currently Amended) A method in a first subsystem for compiling program code for execution in a second subsystem, the method comprising:
- receiving compilation information from the second subsystem, including at least compilation instructions related to the particular machine-executable code required by the second subsystem;
 - compiling computer program code into machine-executable code based on the compilation information received from the second subsystem;
 - transmitting the machine-executable code to the second subsystem; and
 - detecting whether the first and second subsystems are connected via a secure link to determine if the first subsystem is a trusted source using a receipt policy.
20. (Original) A method according to claim 19, wherein the step of receiving compilation information includes receiving compilation information from a small device.
21. (Original) A method according to claim 19, wherein the step of receiving compilation information includes receiving compilation information from a cellular phone.
22. (Original) A method according to claim 19, wherein the step of compiling computer program code includes compiling intermediate language code into machine-executable code based on the compilation information received from the second subsystem.

23. (Original) A method according to claim 19, wherein the step of receiving includes receiving compilation information and computer program code from the second subsystem.
24. (Original) A method according to claim 19, further comprising:
before the step of compiling, retrieving computer program code for compilation into machine-executable code.
25. (Original) A method according to claim 24, wherein the step of retrieving computer program code includes retrieving computer program code from the first subsystem.
26. (Original) A method according to claim 19, wherein the step of compiling includes decoding the compilation information.
27. (Currently Amended) A method in a second subsystem for offloading compilation to a first subsystem having a program code compiler, the method comprising:
transmitting compilation information, including at least compilation instructions related to the particular machine-executable code required by the second subsystem, to the first subsystem;
detecting whether the first and second subsystems are connected via a secure link to determine if the first subsystem is a trusted source using a receipt policy; and
receiving machine-executable code, compiled from the compilation information, from the first subsystem.
28. (Original) A method according to claim 27, wherein the step of transmitting compilation information includes transmitting compilation information in response to a request to compile computer program code into machine-executable code.
29. (Original) A method according to claim 27, wherein the step of transmitting compilation information includes transmitting compilation information written in intermediate language code.

30-32. (Canceled)

33. (Original) A method according to claim 27, wherein the step of transmitting includes transmitting compilation information and computer program code to a first subsystem.

34. (Currently Amended) A computer program storage medium readable by a computing system and encoding a computer program of instructions for executing a computer process for offloading compilation, the computer process comprising:

sending program information from a first subsystem, including at least compilation instructions related to the particular machine-executable code required by the first subsystem, to a second subsystem;

compiling program code into machine-executable code on the second subsystem based on the program information received from the first subsystem;

detecting whether the first and second subsystems are connected via a secure link to determine if the second subsystem is a trusted source using a receipt policy; and

receiving the machine-executable code from the second subsystem into the first subsystem.

35. (Original) A computer process according to claim 34, wherein the step of sending program information includes sending program information from a first subsystem to a second subsystem in response to a request to compile program code into machine-executable code.

36. (Original) A computer process according to claim 34, wherein the step of sending program information includes sending program information written in intermediate language code from a first subsystem to a second subsystem.

37. (Original) A computer process according to claim 34, wherein the step of sending program information includes sending program information from a small device to a second subsystem.

38. (Original) A computer process according to claim 37, wherein the step of sending program information includes sending program information from a cellular phone to a second subsystem.

39. (Original) A computer process according to claim 34, wherein the step of compiling program code includes compiling intermediate language code into machine-executable code on the second subsystem based on the program information received from the first subsystem.

40-42. (Canceled)

43. (Original) A computer process according to claim 34, wherein the step of sending includes sending program information and computer program code from a first subsystem to a second subsystem.

44. (Original) A computer process according to claim 34, further comprising:
before the step of compiling, retrieving program code for compilation into machine-executable code.

45. (Original) A computer process according to claim 44, wherein the step of retrieving program code includes retrieving program code from a third subsystem.

46. (Original) A computer process according to claim 34, wherein the step of compiling includes decoding the program information.

47. (Original) A computer process according to claim 34, wherein the step of sending includes sending compilation instructions from a first subsystem to a second subsystem.

48. (Currently Amended) A system for offloading compilation, the apparatus comprising:
a transmit module that transmits compilation information from a first subsystem, including at least compilation instructions related to the particular machine-executed code required by the first subsystem, to a second subsystem;

a compile module that compiles program code into machine-executable code on the second subsystem based on the compilation information received from the first subsystem;

a detect module that detects whether the first and second subsystems are connected via a secure link to determine if the second subsystem is a trusted source using a receipt policy; and

a receive module that receives the machine-executable code from the second subsystem into the first subsystem.

49. (Original) A system according to claim 48, wherein the transmit module transmits in response to a request to compile program code into machine-executable code.

50. (Original) A system according to claim 48, wherein the compilation information is written in intermediate language code.

51. (Original) A system according to claim 48, wherein the first subsystem is a small device.

52. (Original) A system according to claim 51, wherein the small device is a cellular phone.

53-55. (Canceled)

56. (Currently Amended) A computer data signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer process for offloading compilation, the computer process comprising:

sending program information from a first subsystem, including at least compilation instructions related to the particular machine-executed code required by the first subsystem, to a second subsystem;

compiling program code into machine-executable code on the second subsystem based on the program information received from the first subsystem;

detecting whether the first and second subsystems are connected via a secure link to determine if the second subsystem is a trusted source using a receipt policy; and

receiving the machine-executable code from the second subsystem into the first subsystem.

57. (Original) A computer process according to claim 56, wherein the step of sending program information includes sending program information from a first subsystem to a second subsystem in response to a request to compile program code into machine-executable code.

58. (Original) A computer process according to claim 57, wherein the step of sending program information includes sending program information written in intermediate language code from a first subsystem to a second subsystem.

59. (Original) A computer process according to claim 57, wherein the step of sending program information includes sending program information from a small device to a second subsystem.

60. (Original) A computer process according to claim 59, wherein the step of sending program information includes sending program information from a cellular phone to a second subsystem.

61. (Original) A computer process according to claim 56, wherein the step of compiling program code includes compiling intermediate language code into machine-executable code on the second subsystem based on the program information received from the first subsystem.

62-64. (Canceled)

65. (Original) A computer process according to claim 56, wherein the step of sending includes sending program information and computer program code from a first subsystem to a second subsystem.

66. (Original) A computer process according to claim 56, further comprising:
before the step of compiling, retrieving program code for compilation into machine-executable code.

67. (Original) A computer process according to claim 66, wherein the step of retrieving program code includes retrieving program code from a third subsystem.

68. (Previously Presented) A computer process according to claim 56, wherein the step of compiling includes decoding the program information.